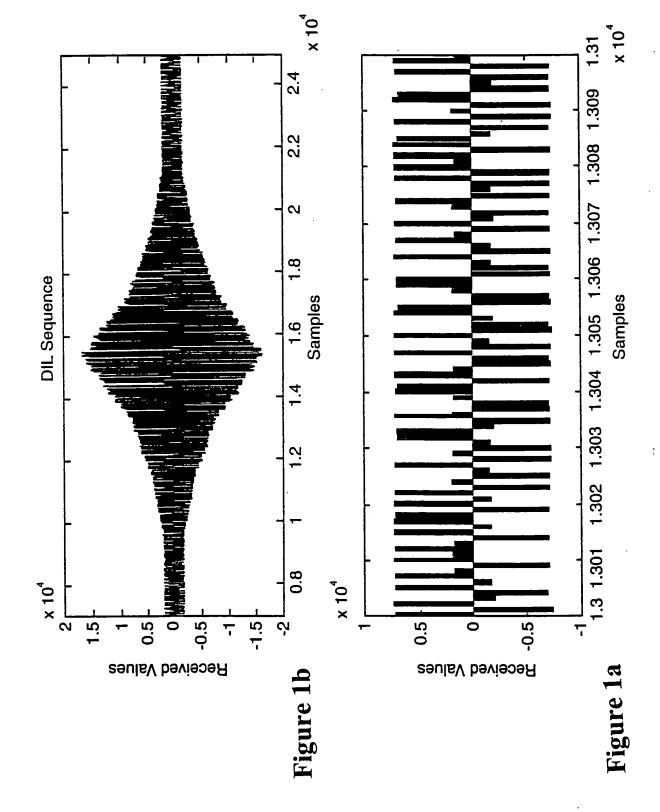
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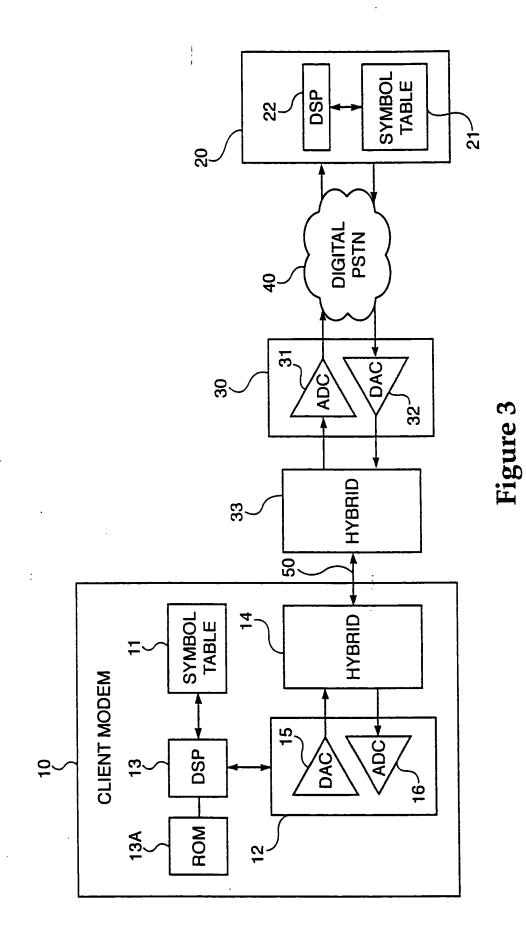
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												- 1					-				
Sign and Training Pattern	Slot 6	⊢	æ,	æ	<u>-</u>	+H	Ļ	<u>ب</u>	Ļ	1-	뚜	<u></u> _+	⊢ +	<u>+</u>	4	<u>+</u>	+ H-	r,	Ļ	<u>L</u> +	<u>+</u>
	Slot 5	ų.	+ <u>T</u>	Ļ	Ļ	1-	-B	<u>L</u> +	L+	+B	 -	├- +	+B	Т-	Ļ	+B	-	 -	<u>+</u>	÷	<u></u>
	Slot 4	L+	+B	+T	+ <u>T</u>	+T	-T	+R	-Т	Ţ-	+B	-T	+T	-В	+T		-R	+ T +	Τ-	F.	-R
	Slot 3	-R	Ļ.	-R	+B	-	Τ+	+_	±+	+T	+T	T-	Ļ	<u></u> 1+	æ	+B	±+	+B	۲-	<u>_</u> -	1-
	Slot 2	<u> </u>	+R	<u>L</u> +	<u>L</u> +	4-	<u>_</u> +	ŀ-	Ŀ.	+B	1·	T+	-R	Ţ.	T+		æ	 -	+B	<u>_</u> +	<u>L</u> -
	Slot 1	+B	<u> </u> +	4	Ļ	<u>+</u> +	ا-	1	Ĥ.	<u>_</u> +	#	F-	<u>L</u>	æ	ŀ-	Ļ	F-	<u>-</u>	+	н-	L+
	Frame	-	2	3	4	5	9	7	8	6	10	=	12	13	14	15	16	17	18	19	20

The "R" in the table represents a reference amplitude. The "+" or "-" represents the sign of the symbol. The "T" in the table represents a training amplitude.

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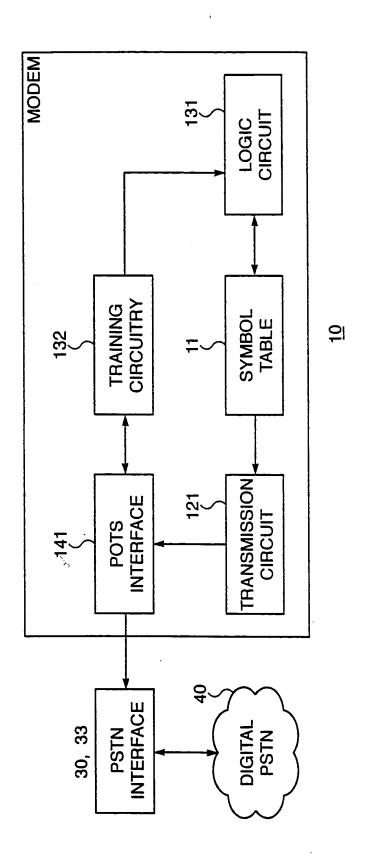
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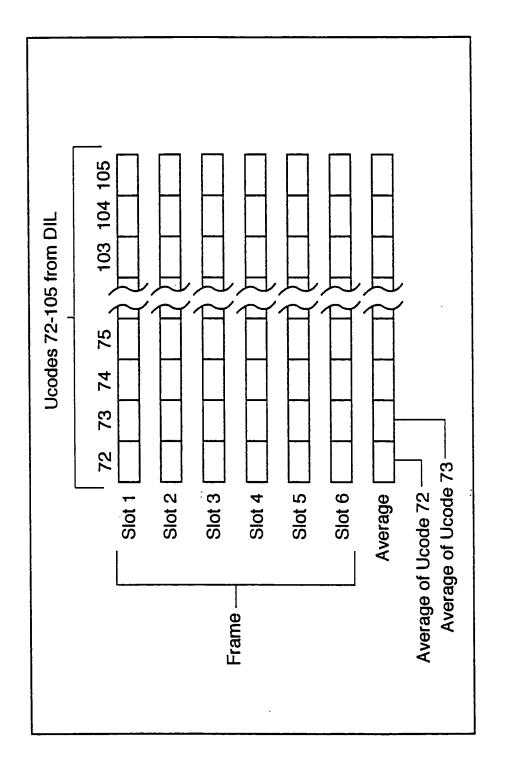
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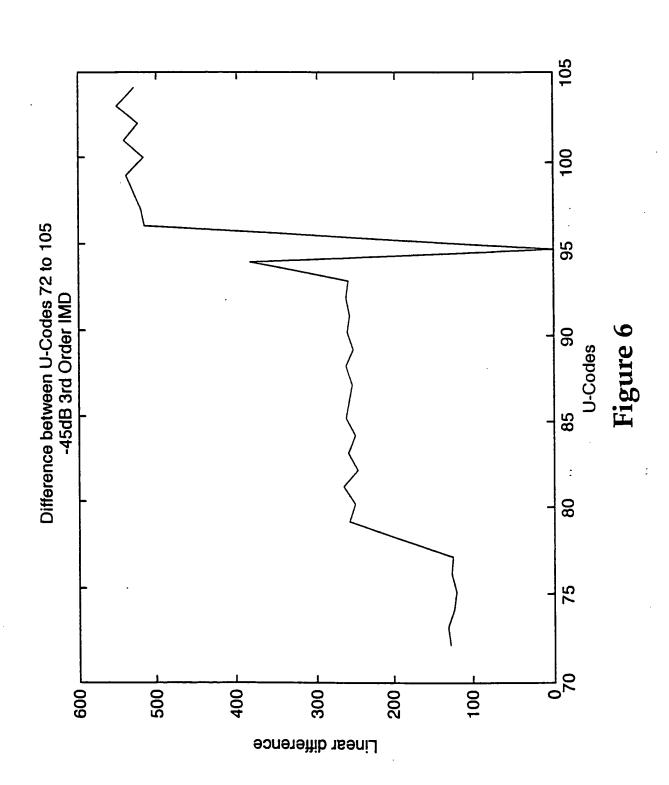
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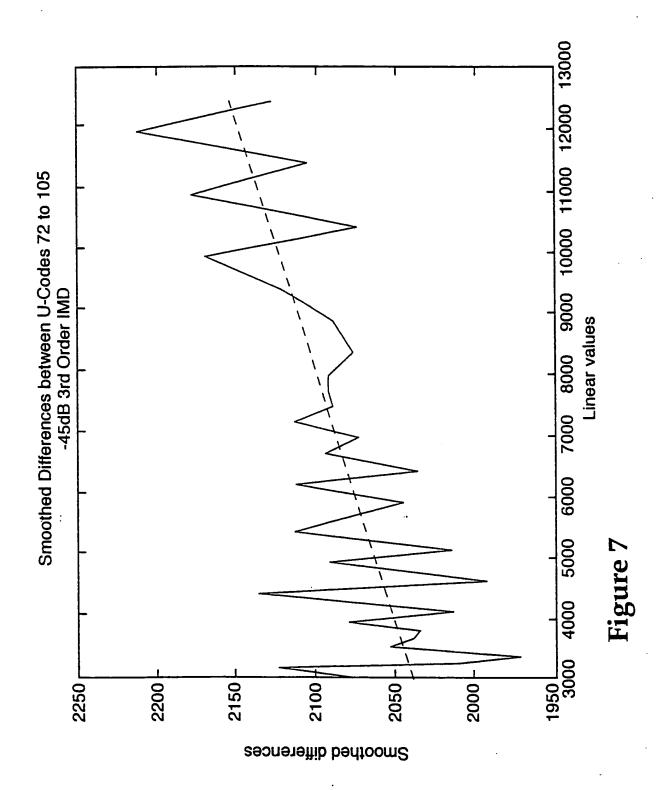


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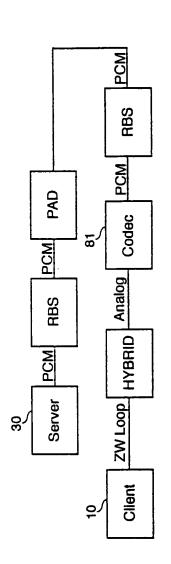
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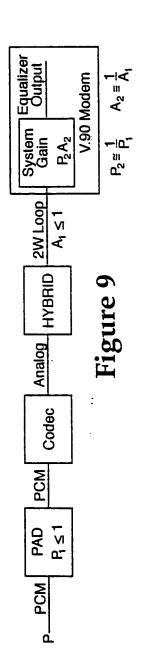
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PCM -an 8-bit μ law or A-law digital symbol transmitted over the network. The symbol represents a signal amplitude. Linear - the linear value corresponding to the digital symbol (see G.711): Analog - the local twisted-pair from the central office to the modem.

Figure 8



Received Sample, Test Fraction—SLICED [Received Sample, Test Fraction] Error = n=Ucode 72 Ucode 105

Test Fraction

SLICED[x] - results in the G.711 value closest to x.

Received Sample, an average received value from the DIL sequence corresponding to Ucode#. Test Fraction - a value between 1.0 and 0.25 that is adjusted to result in a minimum error Ucode# - refers to PCM symbols sent by the server (see V.90 specification)

Figure 10

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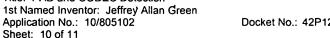
			1	1		1		1				 -			<u>T</u>	
Absolute Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Using 0.5077 as the Test Fraction	3388	3516	3644	3772	3900	4092	4092	4348	4604	4860	5116	5372	5628	5884	6140	9689
Absolute Error	51	23	55	22	69	29	62	99	70	73	77	81	85	89	93	26
Using 0.5 as the Text Fraction	3337	3463	3589	3715	3841	4030	4030	4282	4534	4787	5039	5291	5543	5795	6047	6539
Avg. Received Value	6673	6925	7178	7430	7682	0908	8060	8564	8906	9573	10077	10581	11085	11590	12094	12598
U - Code Sent	06	91	92	93	94	95	96	97	98	66	100	101	102	103	104	105

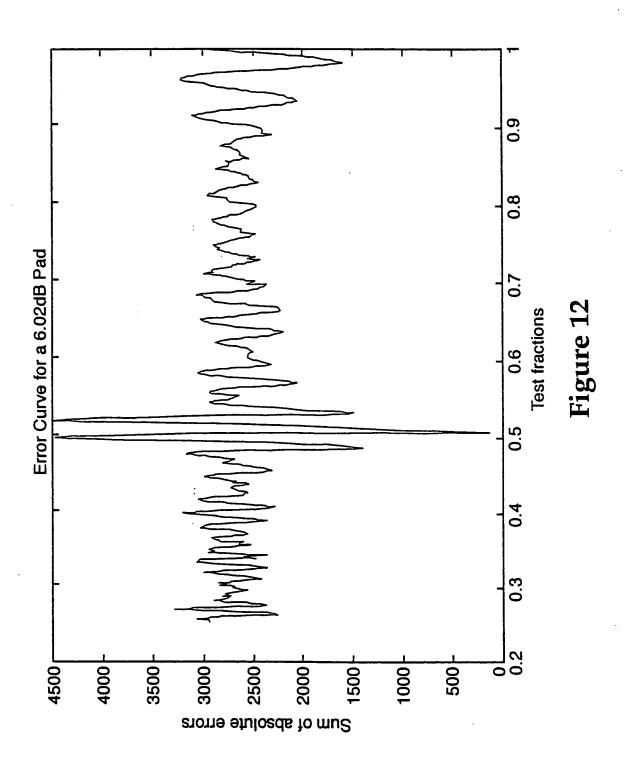
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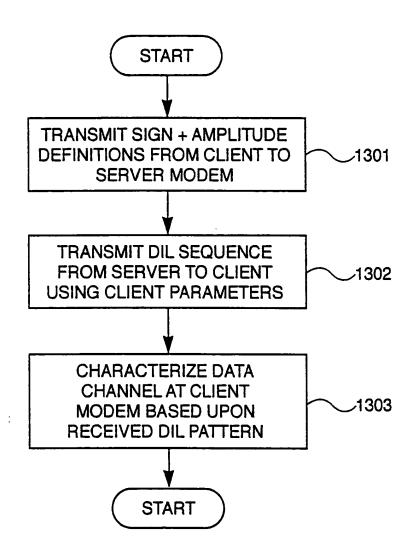


Figure 13

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